

Annex B - Bird Species' status and trends report (Article 12)

1. Species information

1.1 Member State	Greece
1.2 Species code	A020
1.3 EURING code	890
1.4 Species scientific name	Pelecanus crispus
1.5 Subspecific population	
1.6 Alternative species scientific name	
1.7 Common name	Αργυροπελεκάνος
1.8 Season	Winter (W)

2. Population size

2.1 Year or period	2013-2018
2.2 Population size	a) Unit number of individuals (i) b) Minimum 1702 c) Maximum 2725 d) Best single value
2.3 Type of estimate	Best estimate
2.4 Population size Method used	Based mainly on extrapolation from a limited amount of data
2.5 Sources	1) Λεγάκις, Α. & Μαραγκού, Π. (επιμ.). 2009. Το Κόκκινο Βιβλίο των Απειλούμενων Ζώων της Ελλάδας. Ελληνική Ζωολογική Εταιρεία, Αθήνα, 528 σελ. 2) Δημαλέξης, Τα., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παρραζογιού, C. & Βαρόν, Β. 2009. Προσδιορισμός συμβατών δραστηριοτήτων σε σχέση με τα είδη χαρακτηρισμού των Ζωνών Ειδικής Προστασίας της ορνιθοπανίδας. Παραδοτέο 8. Οδηγός οικολογικών απαιτήσεων, απειλών και ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού. 3) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Α.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης). 2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Ορνιθοπανίδας στην Ελλάδα» ΥΠΑΠΕΝ, Αθήνα, Σύμπραξη Γραφείων Μελετών «"Φ.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ" Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη. 4) Midwinter Counts Database (1967 - 2019), Hellenic Ornithological Society 5) BirdLife International (2017). European birds of conservation concern: populations, trends and national responsibilities. Cambridge. UK: BirdLife International. ISBN 978-1-912086-00-9, 6) Portolou, D., Bourdakis, S., Vlachos, C., Kastritis, T., and Dimalexis. T. (eds.) 2009. Important Bird Areas of Greece: Priority sites for conservation. Hellenic Ornithological Society. Athens.
2.6 Change and reason for change (since previous report)	Improved knowledge/more accurate data Use of different method The change is mainly due to: Improved knowledge/more accurate data

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2.7 Additional information

3. Population trend

3.1 Short-term trend (last 12 years)

3.1.1 Short-term trend Period 2007-2018

3.1.2 Short-term trend Direction Stable (0)

3.1.3 Short-term trend Magnitude
a) Minimum
b) Maximum
c) Best single value

3.1.4 Short-term trend Method used Based mainly on extrapolation from a limited amount of data

3.1.5 Sources
(1) Midwinter Counts Database (1967 - 2019), Hellenic Ornithological Society
(2) BirdLife International (2017). European birds of conservation concern: populations, trends and national responsibilities. Cambridge. UK: BirdLife International. ISBN 978-1-912086-00-9,
(3) Portolou, D., Bourdakos, S., Vlachos, C., Kastritis, T., and Dimalexis, T. (eds.) 2009. Important Bird Areas of Greece: Priority sites for conservation. Hellenic Ornithological Society. Athens.

3.2 Long-term trend (since c. 1980)

3.2.1 Long-term trend Period 1980-2018

3.2.2 Long-term trend Direction Increasing (+)

3.2.3 Long-term trend Magnitude
a) Minimum
b) Maximum
c) Best single value 264

3.2.4 Long-term Trend Method used Based mainly on extrapolation from a limited amount of data

3.2.5 Sources
1) Handrinos, G., & Akriotis, T., (1997) The birds of Greece. C. Helm, A & C Black, London.
2) BirdLife International (2004) Birds in Europe: Population estimates, trends and conservation status. Cambridge, UK: BirdLife International (BirdLife Conservation Series No. 12).
3) Λεγάκης, Α. & Μαραγκού, Π. (επιμ.). 2009. Το Κόκκινο Βιβλίο των Απειλούμενων Ζώων της Ελλάδας. Ελληνική Ζωολογική Εταιρεία, Αθήνα, 528 σελ.
4) Natura Viewer (<http://natura2000.eea.europa.eu/#>).
5) Δημαλέξης, Τ., Καστρίτης, Θ., Γρίβας, Κ., Μανωλόπουλος, Α., Καρδακάρη, Ν., Κακαλής, Λ., Ξηρουχάκης, Σ., Τσαϊτουρίδης, Χ., Παρραζογλου, C. & Baron, B. 2009. Προσδιορισμός συμβατών δραστηριοτήτων σε σχέση με τα είδη χαρακτηρισμού των Ζωνών Ειδικής Προστασίας της ορνιθοπανίδας. Παραδοτέο 8. Οδηγός οικολογικών απαιτήσεων, απειλών και ενδεδειγμένων μέτρων για τα είδη χαρακτηρισμού.
6) Πορτόλου, Δ., Μπουρδάκης, Σ., Βλάχος, Χ., Καστρίτης, Θ. & Δημαλέξης, Τ. (επιμ.). 2009. Οι Σημαντικές Περιοχές για τα Πουλιά της Ελλάδας: Περιοχές Προτεραιότητας για τη Διατήρηση της Βιοποικιλότητας. Ελληνική Ορνιθολογική Εταιρεία, Αθήνα.
7) Βλάχος Χ., Μπίρτσας Π., Θωμαΐδης Χ., Χατζηνίκος Ε., Μποντζώρλος Β., Μπραζιώτης Σ., Κόντος Κ., Βλαχάκη Δ., Δεδουσοπούλου Ε., Κιούσης Δ., Ξένος Α., Στεφάνου Α.Μ., Κασάμπαλης Δ., και Μελικώκη Κ. (Συντονιστές έκδοσης).

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2015. Γ' Φάση της Μελέτης 9 «Εποπτεία και Αξιολόγηση της Κατάστασης Διατήρησης Ειδών Οрниθοπανίδας στην Ελλάδα» ΥΠΑΠΕΝ, Αθήνα, Σύμπραξη Γραφείων Μελετών «"Φ.ΦΑΣΟΥΛΑΣ-Ν.ΜΑΝΤΖΙΟΣ" Ε.Ε. – ΡΟΔΟΥΛΑ ΚΩΝΣΤΑΝΤΙΝΙΔΟΥ ΤΟΥ ΓΕΩΡΓΙΟΥ – "ΑΘ.ΤΖΑΚΟΠΟΥΛΟΣ ΚΑΙ ΣΙΑ" Ε.Ε.», Θεσσαλονίκη.

3.3 Additional information

4. Breeding distribution map and size

4.1 Sensitive species	No
4.2 Year or period	
4.3 Breeding distribution map	No
4.4 Breeding distribution surface area	
4.5 Breeding distribution Method used	
4.6 Additional maps	No
4.7 Sources	
4.8 Additional information	

5. Breeding range trend

5.1 Short-term trend (last 12 years)

5.1.1 Short-term trend Period	
5.1.2 Short-term trend Direction	
5.1.3 Short-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.1.4 Short-term trend Method used	
5.1.5 Sources	

5.2 Long-term trend (since c. 1980)

5.2.1 Long-term trend Period	
5.2.2 Long-term trend Direction	
5.2.3 Long-term trend Magnitude	a) Minimum b) Maximum c) Best single value
5.2.4 Long-term trend Method used	
5.2.5 Sources	
5.3 Additional information	

6. Progress in work related to international Species Action Plans (SAPs), Management Plans (MPs) and Brief Management Statements (BMSs)

6.0 Is/Will the information related to international SAPs, MPs and BMSs (section 6) be provided for the other season for this species?	Yes
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6.1 Type of international plan	
6.2 Has a national plan linked to the international SAP/MP/BMS been adopted?	No
6.3 If 'NO', describe any measures and initiatives taken related to the international SAP/MP/BMS	
6.4 Assessment of the effectiveness of SAPs for globally threatened species (Art. 12, Species Action Plans)	()
6.5 Assessment of the effectiveness of MPs for huntable species in non-Secure status (Articles 3 and 7, Management Plans)	()
6.6 Sources of further Information	

7. Main pressures and threats

a) Pressure	b) Ranking	c) location
Abandonment of management/use of other agricultural and agroforestry systems (all except grassland) (A07)	H	both inside and outside EU (inOutEU)
Application of synthetic (mineral) fertilisers on agricultural land (A20)	M	both inside and outside EU (inOutEU)
Wind, wave and tidal power, including infrastructure (D01)	M	inside the Member State (inMS)
Transmission of electricity and communications (cables) (D06)	M	both inside and outside EU (inOutEU)
Marine fish and shellfish harvesting (professional, recreational) causing reduction of species/prey populations and disturbance of species (G01)	H	both inside and outside EU (inOutEU)
Illegal harvesting, collecting and taking (G11)	M	both inside and outside EU (inOutEU)
Modification of hydrological flow (K04)	M	both inside and outside EU (inOutEU)
Plant and animal diseases, pathogens and pests (I05)	H	both inside and outside EU (inOutEU)
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	H	both inside and outside EU (inOutEU)
a) Threat	d) Ranking	e) location
Abandonment of management/use of other agricultural and agroforestry systems (all except grassland) (A07)	H	both inside and outside EU (inOutEU)
Application of synthetic (mineral) fertilisers on agricultural land (A20)	M	both inside and outside EU (inOutEU)
Wind, wave and tidal power, including infrastructure (D01)	M	inside the Member State (inMS)
Transmission of electricity and communications (cables) (D06)	M	both inside and outside EU (inOutEU)

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Marine fish and shellfish harvesting (professional, recreational) causing reduction of species/prey populations and disturbance of species (G01)	H	both inside and outside EU (inOutEU)
Illegal harvesting, collecting and taking (G11)	M	both inside and outside EU (inOutEU)
Modification of hydrological flow (K04)	M	both inside and outside EU (inOutEU)
Plant and animal diseases, pathogens and pests (I05)	H	both inside and outside EU (inOutEU)
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	H	both inside and outside EU (inOutEU)

7.2 Sources of information

Society for the Protection of Prespa (2019), unpublished data.

7.3 Additional information

8. Main Conservation Measures

8.1 Status of measures

Measures identified and taken

8.2 Main purpose of the measures taken

Restore the habitat of the species

8.3 Location of the measures

Only inside Natura 2000

8.4 Response to the measures

Medium-term results (within the next two reporting periods, 2019-2030)

8.5 List of main conservation measures

CA03 - Maintain existing extensive agricultural practices and agricultural landscape features

CA04 - Reinstate appropriate agricultural practices to address abandonment, including mowing, grazing, burning or equivalent measures

CA09 - Manage the use of natural fertilisers and chemicals in agricultural (plant and animal) production

CC03 - Adapt/manage renewable energy installation, facilities and operation

CC06 - Reduce impact of service corridors and networks

CG01 - Management of professional/commercial fishing (including shellfish and seaweed harvesting)

CI07 - Controlling and eradicating plant and animal diseases, pathogens and pests

CN02 - Implement climate change adaptation measures

CS03 - Improvement of habitat of species from the directives

CX02 - Support conservation measures in countries outside the EU

8.6 Additional information

9. Natura 2000 (SPAs) coverage

9.1 Population size inside the Natura 2000 (SPA) network

a) Unit	number of individuals (i)
b) Minimum	1225
c) Maximum	2644
d) Best single value	

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9.2 Type of estimate	Best estimate
9.3 Population size inside the network Method used	Based mainly on extrapolation from a limited amount of data
9.4 Short-term trend of population size within the network Direction	Unknown (X)
9.5 Short-term trend of population size within the network Method used	Insufficient or no data available
9.6 Additional information	